BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE PROJECT: ADDITIONAL DEVELOPMENTAL WORKS AT DODDABETTAHALLI GOVT SCHOOL IN ATTUR WARD No-03

								Est.Cost.Rs.	10000000
Sl No	**Description of Item**	**Unit**	**No**	**L**	**B**	**D**	**Qty**	**Rate**	**Amount**
1	KSRB 2.2.6 : Excavation 1.5m and above in width in hard rock by chiselling and / or wedging, where blasting is prohibited for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5 m. in depth stacking the excavated stuff clear from the edge of excavation with lead upto 50m including cost of labour complete as per specifications Pg No.6, Item No.2.8								
	SSM Footing								
	Corridor(along longer direction)	Cum	1	30.65	0.9	0.9	24.83		
	Corridor(along shorter direction)	Cum	1	14.4	0.9	0.9	11.66		
	Basic rate							2042.00	
	Area weightage 8%							163.36	
	Total						**36.49**	**2205.36**	**80474.69**
2	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.Specification No. KBS 4.1, 4.2 Pg No.13 Item No 4.3								
	Footings								
	Corridor(along longer direction)	Cum	1	30.65	0.9	0.15	4.14		
	Corridor(along shorter direction)	Cum	1	14.4	0.9	0.15	1.94		
	Corrridor sides	Cum	1	1.2	0.9	0.15	0.16		
	Corrridor sides	Cum	1	1.2	0.9	0.15	0.16		
	Steps								
	First step	Cum	3	3	0.6	0.15	0.81		
	Second step	Cum	3	3	0.3	0.15	0.41		
	Basic rate							5475.28	
	Area weightage 8%							438.02	
	Total						**7.62**	**5913.30**	**45063.80**
3	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2, Pg No. 13 Item No. 4.6								
	Above SSM								
	Plinth Area	Cum	1	37.5	0.9	0.15	5.06		
		Cum	1	14	0.9	0.15	1.89		
	Corridor(along longer direction)	Cum	1	30.65	0.6	0.15	2.76		
	Corridor(along shorter direction)	Cum	1	14.4	0.6	0.15	1.30		
	Corrridor sides	Cum	1	1.2	0.6	0.15	0.11		
	Corrridor sides	Cum	1	1.2	0.6	0.15	0.11		
	Basic rate							5919.71	
	Area weightage 8%							473.58	
	Total						**11.22**	**6393.29**	**71751.86**
4	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerddressed in courses not less than 20 cms high, bond stones at 2m apart in each course including cost of materials, labour, curing completeas per specifications. KBS 5.1.13 Pg No 25 item No 5.6								
	SSM Footing								
	Corridor(along longer direction)	Cum	1	30.65	0.6	0.6	11.03		
	Corridor(along shorter direction)	Cum	1	14.4	0.6	0.6	5.18		
	Corrridor sides	Cum	1	1.2	0.6	0.6	0.43		
	Corrridor sides	Cum	1	1.2	0.6	0.6	0.43		
	Basic rate							4596.00	
	Area weightage 8%							367.68	
	Total						**17.08**	**4963.68**	**84789.58**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
5	KSRB 5.4-4 : Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar 1:4 , edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, scaffolding, curing complete as per specifications. KBS 5.1.13 Pg No 25 item No 5.13								
	Above GL								
	Corridor(along longer direction)	Cum	1	30.65	0.60	0.45	8.28		
	Corridor(along shorter direction)	Cum	1	14.40	0.60	0.45	3.89		
	Corrridor sides	Cum	1	1.20	0.60	0.45	0.32		
	Corrridor sides	Cum	1	1.20	0.60	0.45	0.32		
	Basic rate							6005.00	
	Area weightage 8%							480.40	
	Total						**12.81**	**6485.40**	**83087.70**
6	KSRB 15.1.3 – do – Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.								
	Above GL								
	Corridor(along longer direction)	Cum	1	30.65		0.45	13.79		
	Corridor(along shorter direction)	Cum	1	14.4		0.45	6.48		
	Corrridor sides	Cum	1	1.2		0.45	0.54		
	Corrridor sides	Cum	1	1.2		0.45	0.54		
	Basic rate							142.00	
	Area weightage 8%							11.36	
	Total						**21.35**	**153.36**	**3274.62**
7	KSRB 2.3 : Filling available excavated earth(excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification. No. KBS 2.9, Pg No.7, Item No.2.10								
	Filling Available of Excavated Earth								
	Earth Work Excavation	Cum					36.49		
	PCC for Footing	Cum					-6.41		
	SSM Footing	Cum					-17.08		
	Basic rate							201.00	
	Area weightage 8%							16.08	
	Total						**13.00**	**217.08**	**2822.64**
8	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge. Pg No 136,Item No17.4								
	Excavated Earth	Cum					36.49		
	Filling Available of Excavated Earth						-13.00		
	Loading and unloading item no.17.1 KSRRB M 100-1	Cum						57.00	
	Basic rate for haulage of materials as per item No. 17.4 KSRRB : M 100 - 4.1	t.km	For surface roads exluding loading & unloading					2.00	
	Average Weight of earth	For2Kms =2x1.28x2						5.12	
	Basic rate							62.12	
	Area weightage 8%							4.97	
	Total						**23.49**	**67.09**	**1575.78**
9	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc. and Removal of form Work for columns, pillars, piers, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2, Pg No 16, Item No 4.32								
	First Floor								
	Column upto beam bottom								
	C1	Sqm	8	1.5		3.15	37.80		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	C2	Sqm	10	1.5		3.15	47.25		
	Basic rate							456.00	
	Area weightage 8%							36.48	
	Total						**85.05**	**492.48**	**41885.42**
10	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from ground level. - 0 to 5 mtrs.Specification No. KBS 4.6.2 page no.16 item no 4.29.2								
	First Floor								
	Slab(along long direction)	Sqm	1	30.6	7.5		229.50		
	Deductions								
	Stair case	Sqm	-1	4.9	1.65		-8.09		
	Basic rate							400.00	
	Area weightage 8%							32.00	
	Total						**221.42**	**432.00**	**95651.28**
11	KSRB 4-6.9 : Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floors including cost of all materials,labour complete as per specifications. Specifications No. KBS 4.6.2, Pg No 17,Item No 4.36								
	First Floor								
	Slab(along long direction)sides	Sqm	1	76.2		0.15	11.43		
	Basic rate							755.00	
	Area weightage 8%							60.40	
	Total						**11.43**	**815.40**	**9320.02**
12	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons.Specification No. KBS 4.6.2, Pg No 17, Item No 4.34								
	Ground Floor								
	Lintels								
	Through Lintel(along long wall)	Sqm	4	34.8		0.15	20.88		
	Bottom(windows)	Sqm	8	1.5	0.15		1.80		
	Bottom(Doors)	Sqm	2	1.2	0.15		0.36		
	Through Lintel(along short wall)	Sqm	4	13.1		0.2	10.48		
	Bottom(windows)	Sqm	16	1.5	0.2		4.80		
	Bottom(Doors)	Sqm	4	1.2	0.15		0.72		
	First Floor								
	Beams								
	Along long direction								
	B2	Sqm	4	29		0.3	34.80		
	Corridor beam(B2)	Sqm	2	30.6		0.3	18.36		
	Along Short direction								
	B3	Sqm	18	6.6		0.3	35.64		
	Lintels								
	Through Lintel(along long wall)	Sqm	4	34.8		0.15	20.88		
	Bottom(windows)	Sqm	8	1.5	0.15		1.80		
	Bottom(Doors)	Sqm	2	1.2	0.15		0.36		
	Through Lintel(along short wall)	Sqm	4	13.1		0.2	10.48		
	Bottom(windows)	Sqm	16	1.5	0.2		4.80		
	Bottom(Doors)	Sqm	4	1.2	0.15		0.72		
	Basic rate							292.00	
	Area weightage 8%							23.36	
	Total						**166.88**	**315.36**	**52627.28**
13	KSRB 4-6.11 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2, Pg No 17, Item No 4.38								
	Ground Floor								
	Steps								
	First step	Sqm	3	4.2		0.15	1.89		
	Second step	Sqm	3	3.6		0.15	1.62		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	First Floor								
	Stair case								
	Waist slab(Flight 1)	Sqm	1	4.09	1.5		6.14		
	Waist slab(Flight 1)sides	Sqm	2	4.09		0.15	1.23		
	Waist slab(Flight 2)	Sqm	1	3.75	1.5		5.63		
	Waist slab(Flight 2)sides	Sqm	2	3.75		0.15	1.13		
	Riser	Sqm	25	1.5		0.15	5.63		
	Landing	Sqm	1	3.15	1.3		4.10		
	Landing sides	Sqm	1	3.15		0.15	0.47		
	SB1	Sqm	2	3.15		0.3	1.89		
	Basic rate							520.00	
	Area weightage 8%							41.60	
	Total						**29.70**	**561.60**	**16682.05**
14	KSRB 4-6.10 :Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc. , including edges including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2 Pg No 17,Item No 4.37								
	Ground floor								
	Chejja	Sqm	12	1.5	0.6		10.8		
	Chejja sides	Sqm	12	2.7		0.1	3.24		
	First Floor								
	Chejja	Sqm	12	1.5	0.6		10.8		
	Chejja sides	Sqm	12	2.7		0.1	3.24		
	Basic rate							323.00	
	Area weightage 8%							25.84	
	Total						**28.08**	**348.84**	**9795.43**
15	KSRB 4.2.8 : Providing and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum andfine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated fo all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per specifications. No. KBS 4.1, 4.6, Pg No. 14, Item No. 4.12								
	Ground Floor								
	Lintels								
	Through Lintel(along long wall)	Cum	2	34.8	0.2	0.15	2.09		
	Through Lintel(along short wall)	Cum	2	13.1	0.2	0.15	0.79		
	Basic rate							6750.09	
	Area weightage 8%							540.01	
	Total						**2.87**	**7290.10**	**20951.74**
	First Floor								
	Column upto beam bottom								
	C1	Cum	8	0.45	0.3	3.15	3.40		
	C2	Cum	10	0.45	0.3	3.15	4.25		
	Stair case								
	Waist slab(Flight 1)	Cum	1	4.09	1.5	0.15	0.92		
	Waist slab(Flight 2)	Cum	1	3.75	1.5	0.15	0.84		
	Landing	Cum	1	3.15	1.3	0.15	0.61		
	Riser and treads	Cum	24	1.5		0.023	0.81		
			Triangular area =0.5*0.3*0.15=0.023						
	SB1	Cum	1	3.15	0.3	0.3	0.28		
	Lintels								
	Through Lintel(along long wall)	Cum	2	34.8	0.2	0.15	2.09		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Through Lintel(along short wall)	Cum	2	13.1	0.2	0.15	0.79		
	Basic rate							6750.09	
	Add lift charges for First Floor							60.00	
	sub total							6810.09	
	Area weightage 8%							544.81	
	Total						**14.00**	**7354.90**	**102970.40**
16	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in 15 cms thick layers and well compacted including vibrating, curing, etc for all super Structure works with all lead and Lift etc., complete (exclusive of cost of steel and fabrication charges) Ready mixed cement for concrete with M-25. Pg No.19 Item No.4.49.2								
	Ground Floor								
	First Floor								
	Slab(along long direction)	Cum	1	30.6	7.5	0.15	34.43		
	Deductions								
	Stair case	Cum	-1	4.9	1.65	0.15	-1.21		
	Beams								
	Along long direction								
	B2	Cum	2	29	0.2	0.3	3.48		
	Corridor beam(B2)	Cum	1	30.6	0.2	0.3	1.84		
	Along Short direction								
	B3	Cum	9	6.6	0.3	0.3	5.35		
	Basic rate							6202.09	
	Area weightage 8%							496.17	
	Total						**43.87**	**6698.26**	**293881.01**
17	KSRB 4.2.11 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto First Floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 Pg No.15 Item no.4.20								
	Ground Floor								
	Chejja	Sqm	12	1.5	0.6		10.8		
	Basic rate							496.00	
	Area weightage 8%							39.68	
	Total						**10.8**	**535.68**	**5785.34**
	First Floor								
	Chejja	Sqm	12	1.5	0.6		10.8		
	Basic rate							496.00	
	Add lift charges for First Floor							5.00	
	sub total							501.00	
	Area weightage 8%							40.08	
	Total						**10.80**	**541.08**	**5843.66**
18	KSRB 4.9.2 : Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 Pg No.18 Item No.4.46.2								
	Ground Floor								
	Chajja	Cum	Concrete Quantity				1.08		
		kg	Steel assumed 100 Kg/Cum of Concrete				108.00		
		tonne					**0.11**		
	Lintel	Cum	Concrete Quantity				2.87		
		kg	Steel assumed 100 Kg/Cum of Concrete				287.40		
		tonne					**0.29**		
	Basic rate							87417.00	
	Area weightage 8%							6993.36	
	Total						**0.40**	**94410.4**	**37329.86**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	First Floor								
	Column	Cum	Concrete Quantity				7.65		
		kg	Steel assumed 150 Kg/Cum of Concrete				1148.18		
		tonne					**1.15**		
	Staircase	Cum	Concrete Quantity				3.47		
		kg	Steel assumed 125 Kg/Cum of Concrete				433.97		
		tonne					**0.43**		
	Lintel	Cum	Concrete Quantity				2.87		
		kg	Steel assumed 100 Kg/Cum of Concrete				287.40		
		tonne					**0.29**		
	Beam	Cum	Concrete Quantity				10.66		
		kg	Steel assumed 125 Kg/Cum of Concrete				1332.75		
		tonne					**1.33**		
	Roof Slab	Cum	Concrete Quantity				33.21		
		kg	Steel assumed 119 Kg/Cum of Concrete				3952.3		
		tonne					**3.95**		
	Chajja	Cum	Concrete Quantity				1.08		
		kg	Steel assumed 100 Kg/Cum of Concrete				108.00		
		tonne					**0.11**		
	Basic rate							87417.00	
	Add lift charges for First Floor							748.00	
	sub total							88165.0	
	Area weightage 8%							7053.20	
	Total						**7.26**	**95218.2**	**691527.08**
19	KSRB 5-14.1: Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications. KBS No.5.4, Pg No. 27 Item No. 5.27.1								
	Ground Floor								
	Walls								
	Along long direction	Sqm	1	34.80		3	104.40		
		Sqm	1	26.30		3	78.90		
		Sqm	3	5		3	45.00		
	Along Short direction	Sqm	1	19.55		3	58.65		
		Sqm	1	13.10		3	39.30		
		Sqm	6	5		3	90.00		
	Deductions								
	D1	Sqm	-6	1.20		2.1	-15.12		
	W1	Sqm	-24	1.50		1.50	-54.00		
	V	Sqm	-5	0.60		0.75	-2.25		
	Lintels								
	Through Lintel(along long wall)	Sqm	-2	34.8		0.15	-10.44		
	Through Lintel(along short wall)	Sqm	-2	13.1		0.15	-3.93		
	Basic rate							912.00	
	Area weightage 8%							72.96	
	Total						**330.51**	**984.96**	**325539.13**
	First Floor								
	Walls								
	Along long direction	Sqm	1	34.8		3	104.40		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
		Sqm	1	26.3		3	78.90		
		Sqm	3	5		3	45.00		
	Along Short direction	Sqm	1	19.55		3	58.65		
		Sqm	1	13.1		3	39.30		
		Sqm	6	5		3	90.00		
	Deductions								
	D1	Sqm	-6	1.2		2.1	-15.12		
	W1	Sqm	-24	1.5		1.5	-54.00		
	V	Sqm	-5	0.6		0.75	-2.25		
	Lintels								
	Through Lintel(along long wall)	Sqm	-2	34.8		0.15	-10.44		
	Through Lintel(along short wall)	Sqm	-2	13.1		0.15	-3.93		
	Basic rate							912.00	
	Add lift charges for First Floor							35.00	
	sub total							947.00	
	Area weightage 8%							75.76	
	Total						**330.51**	**1022.76**	**338032.41**
20	KSRB 5-15 : Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire chargesof machineries etc., complete as per specifications. KBS No.5.4, Pg No 27, Item No 5.28								
	Ground Floor								
	Ladies toilet								
	Along long wall	Sqm	1	5.6		3.45	19.32		
		Sqm	1	4.35		3.45	15.01		
	Along short wall	Sqm	1	5.5		3	16.50		
		Sqm	6	1.2		3.45	24.84		
	corridor wall	Sqm	1	48.05		1	48.05		
		Sqm	2	1.5		1	3		
	Deductions								
	D3	Sqm	-8	0.75		2.1	-12.60		
	V	Sqm	-5	0.6		0.75	-2.25		
	Openings	Sqm	-3	3		1	-9		
	Basic rate							811.00	
	Area weightage 8%							64.88	
	Total						**102.87**	**875.88**	**90099.59**
	First Floor								
	Gents toilet								
	Along long wall	Sqm	1	5.6		3.45	19.32		
	Along short wall	Sqm	1	5.5		3.45	18.98		
		Sqm	1	2		3.45	6.90		
		Sqm	3	1.2		3.45	12.42		
	corridor wall	Sqm	1	48.05		1	48.05		
		Sqm	2	1.5		1	3.00		
	Deductions								
	D3	Sqm	-5	0.75		2.1	-12.6		
	V	Sqm	-5	0.6		0.75	-2.25		
	Basic rate							811.00	
	Add lift charges for First Floor							35.00	
	sub total							846.00	
	Area weightage 8%							67.68	
	Total						**93.82**	**913.68**	**85716.89**
	Terrace Floor								
	Parapet wall	Sqm	1	119.7		1	119.7		
	Basic rate							811.00	
	Add lift charges for Second Floor							70.00	
	sub total							881.00	
	Area weightage 8%							70.48	
	Total						**119.70**	**951.48**	**113892.16**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
21	KSRB15-3.8 : Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Pg No. 116,Item No.15.16								
	External Plastering								
	Ground Floor								
	Along long direction	Sqm	1	38.1		3.6	137.16		
		Sqm	1	37.8		3.6	136.08		
		Sqm	2	5.9		3.6	42.48		
	Along Short direction	Sqm	1	21.8		3.6	78.48		
	Chejja								
	W1	Sqm	12	1.5	0.6		10.8		
	W1 sides	Sqm	24	0.6		0.1	1.44		
	W1 front	Sqm	12	1.5		0.1	1.80		
	corridor wall	Sqm	1	48.05		2.1	100.91		
		Sqm	2	1.5		2.1	6.30		
	Deductions								
	D1	Sqm	-6	1.2		2.1	-15.12		
	D3	Sqm	-8	0.75		2.1	-12.60		
	W1	Sqm	-24	1.5		1.5	-54.00		
	V	Sqm	-5	0.6		0.75	-2.25		
	Openings	Sqm	-3	3		1	-9.00		
	Basic rate							261.00	
	Area weightage 8%							20.88	
	Total						**422.48**	**281.88**	**119087.25**
	First Floor								
	Along long direction	Sqm	1	38.1		3.6	137.16		
		Sqm	1	37.8		3.6	136.08		
		Sqm	2	5.9		3.6	42.48		
	Along Short direction	Sqm	1	21.8		3.6	78.48		
	Chejja								
	W1	Sqm	12	1.5	0.6		10.8		
	W1 sides	Sqm	24	0.6		0.1	1.44		
	W1 front	Sqm	12	1.5		0.1	1.8		
	corridor wall	Sqm	1	48.05		2.1	100.91		
		Sqm	2	1.5		1	3.00		
	Deductions								
	D1	Sqm	-6	1.2		2.1	-15.12		
	D3	Sqm	-8	0.75		2.1	-12.60		
	W1	Sqm	-24	1.5		1.5	-54		
	V	Sqm	-5	0.6		0.75	-2.25		
	Basic rate							261.00	
	Add Scaffolding charges for First Floor							12.00	
	sub total							273.00	
	Area weightage 8%							21.84	
	Total						**428.18**	**294.84**	**126243.12**
	Terrace Floor								
	Parapet wall	Sqm	1	119.7		2.1	251.37		
	Basic rate							261.00	
	Add Scaffolding charges for Second Floor							24.00	
	sub total							285.00	
	Area weightage 8%							22.80	
	Total						**251.37**	**307.80**	**77371.69**
22	KSRB 15.3.2 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications .Pg No. 115 Item No.15.10								
	Internal Plastering								
	Ground Floor								
	Classroom(1-4)								
	Along longer direction	Sqm	2	7		3.45	48.3		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Along shorter direction	Sqm	2	5.5		3.45	37.95		
	Staircase wall								
	Along longer direction	Sqm	2	5.5		3.45	37.95		
	Along shorter direction	Sqm	2	3.15		3.45	21.74		
	Classroom (5-6)								
	Along longer direction	Sqm	2	7		3.45	48.3		
	Along shorter direction	Sqm	2	5.5		3.45	37.95		
	Ladies toilet								
	Along longer direction	Sqm	2	5.6		1.35	15.12		
	Along shorter direction	Sqm	1	2.9		1.35	3.92		
		Sqm	1	4.2		1.35	5.67		
	WC(Along longer direction)	Sqm	12	1.35		1.35	21.87		
	WC(Along shorter direction)	Sqm	12	1.2		1.35	19.44		
	Deductions								
	D1	Sqm	-6	1.2		2.1	-15.12		
	D3	Sqm	-8	0.75		2.1	-12.6		
	W1	Sqm	-24	1.5		1.5	-54		
	V	Sqm	-5	0.6		0.75	-2.25		
	Basic rate							204.00	
	Area weightage 8%							16.32	
	Total						**214.23**	**220.32**	**47199.15**
	First Floor								
	Classroom (7-10)								
	Along longer direction	Sqm	2	7		3.45	48.3		
	Along shorter direction	Sqm	2	5.5		3.45	37.95		
	Staircase wall								
	Aiong longer direction	Sqm	2	5.5		3.45	37.95		
	Along shorter direction	Sqm	2	3.15		3.45	21.735		
	Classroom (11-12)								
	Along longer direction	Sqm	2	7		3.45	48.3		
	Along shorter direction	Sqm	2	5.5		3.45	37.95		
	Gents toilet								
	Along longer direction	Sqm	1	5.6		1.35	7.56		
		Sqm	1	5.5		1.35	7.43		
	Along shorter direction	Sqm	2	4.2		1.35	11.34		
		Sqm	2	2		1.35	5.4		
	WC(Along longer direction)	Sqm	6	1.35		1.35	10.94		
	WC(Along shorter direction)	Sqm	8	1.2		1.35	12.96		
	Deductions								
	D1	Sqm	-6	1.2		2.1	-15.12		
	D3	Sqm	-5	0.75		2.1	-7.88		
	W1	Sqm	-24	1.5		1.5	-54.00		
	V	Sqm	-5	0.6		0.75	-2.25		
	Basic rate							204.00	
	Add lift charges for First Floor							6.00	
	sub total							210.00	
	Area weightage 8%							16.80	
	Total						**208.56**	**226.80**	**47301.41**
23	KSRB15-5.1 : Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, incldng cost of materials, labour, curing complete as per specifications , Pg.No-117, Item No-15.30.								
	Ground Floor								
	Ladies toilet								
	Along longer direction	Sqm	2	5.6		2.1	23.52		
	Along shorter direction	Sqm	1	2.9		2.1	6.09		
		Sqm	1	4.2		2.1	8.82		
	WC(Along longer direction)	Sqm	12	1.35		2.1	34.02		
		Sqm	2	1.25		2.1	5.25		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	WC(Along Shorter direction)	Sqm	12	1.2		2.1	30.24		
		Sqm	2	1.2		2.1	5.04		
	Deductions								
	D3	Sqm	-8	0.75		2.1	-12.6		
	Basic rate							205.00	
	Area weightage 8%							16.40	
	Total						**100.38**	**221.40**	**22224.13**
	First Floor								
	Gents toilet								
	Along longer direction	Sqm	2	5.6		2.1	23.52		
	Along shorter direction	Sqm	2	4.3		2.1	18.06		
		Sqm	2	2		2.1	8.4		
	WC(Along longer direction)	Sqm	6	1.35		2.1	17.01		
		Sqm	2	1.25		2.1	5.25		
	WC(Along Shorter direction)	Sqm	8	1.2		2.1	20.16		
	Deductions								
	D3	Sqm	-5	0.75		2.1	-7.88		
	Basic rate							205.00	
	Add lift charges for First Floor							6.00	
	sub total							211.00	
	Area weightage 8%							16.88	
	Total						**84.53**	**227.88**	**19261.56**
24	KSRB15-3-14 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to ceiling including rounding off corners wherever required smooth rendering, : including Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Pg No 116, Item No15.22								
	Ground Floor								
	Ceiling								
	Classroom(along long direction)	Sqm	4	7	5.5		154		
	Classroom(along short direction)	Sqm	2	7	5.5		77.00		
	Corridor	Sqm	1	31.9	1.5		47.85		
	Corridor near toilet	Sqm	1	5.7	1.3		7.41		
	Corridor(along shorter direction)	Sqm	1	14.3	1.5		21.45		
	Ladies toilet	Sqm	1	5.6	5.5		30.80		
	Beams								
	B1(class 1-4)	Sqm	4	6.7		0.9	24.12		
	B1(near class 1-4)	Sqm	6	1.3		0.9	7.02		
	B1(class 5-6)	Sqm	2	6.8		0.9	12.24		
	B1(near class 5-6)	Sqm	3	1.3		0.9	3.51		
	Corridar beam(near class 1-4)	Sqm	1	30.6		0.6	18.36		
	Corridar beam(near class 5-6)	Sqm	1	14.4		0.6	8.64		
	First Floor								
	Ceiling								
	Classroom(along long direction)	Sqm	4	7	5.5		154		
	Classroom(along short direction)	Sqm	2	7	5.5		77		
	Corridor	Sqm	1	31.9	1.5		47.85		
	Corridor near toilet	Sqm	1	5.7	1.3		7.41		
	Corridor(along shorter direction)	Sqm	1	14.3	1.5		21.45		
	Gents toilet	Sqm	1	5.6	5.5		30.8		
	Beams								
	B1(class 7-10)	Sqm	4	6.7		0.9	24.12		
	B1(near class 7-10)	Sqm	6	1.3		0.9	7.02		
	B1(class 11-12)	Sqm	2	6.8		0.9	12.24		
	B1(near class 11-12)	Sqm	3	1.3		0.9	3.51		
	Corridar beam(near class 7-10)	Sqm	1	30.6		0.6	18.36		
	Corridar beam(near class 11-12)	Sqm	1	14.4		0.6	8.64		
	Basic rate							225.00	
	Area weightage 8%							18.00	
	Total						**824.80**	**243.00**	**200426.40**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
25	providing applying two coats of wall putty to **inside plastered walls and ceiling** using white cement putty . Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of alll mateerial cost of labour and scaffolding etc. ,complete as per specification. Pg No.128 Item No.15.106								
	for Internal plastered portions	Sqm	1	same as Internal plastering			422.79		
	ceiling	Sqm	1	same as plastering for beam + ceiling			824.80		
	Basic rate							78.00	
	Area weightage 8%							6.24	
	Total						**1247.59**	**84.24**	**105096.98**
26	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer. PgNo. 119, I.No. 15.51.2								
	Internal painting	Sqm	Same as Internal plastering				422.79		
	Basic rate							90.00	
	Area weightage 8%							7.2	
	Total						**422.79**	**97.20**	**41095.19**
27	KSRB 15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications page no117 item no 15.49.1 . KSRB 15-14.1 : Extra over Item 15-14.1 for applying oil bound washable distemper on ceiling and / or sloping roof as per specifications.Pg No 119,Item No15.49.2								
	Ceiling	Sqm	Same as plastering for beam and ceiling				824.80		
	Basic rate							110.00	
	Extra over Item 15-14.1							8.00	
	sub total							118.00	
	Area weightage 8%							9.44	
	Total						**824.80**	**127.44**	**105112.51**
28	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer. (P. No. 117, I.No. 15.53.2 of SR 2015-16).								
	External painting								
	Ground Floor	Sqm	Same as External plastering +chajja plastering				422.48		
	Basic rate							102.00	
	Area weightage 8%							8.16	
	Total						**422.48**	**110.16**	**46539.85**
	First Floor	Sqm	Same as External plastering +chejja plastering				428.18		
	Basic Rate							102.00	
	An additional rate of Rs.4.00/sqm per floor for lift charges and Rs.4.00/sqm per floor for scaffolding charges may be added for every additional floor							8.00	
	sub total							110.00	
	Area weightage 8%							8.80	
	Total						**428.18**	**118.80**	**50867.19**
	Terrace Floor	Sqm	Same as External plastering				251.37		
	Basic Rate							102.00	
	An additional rate of Rs.4.00/sqm per floor for lift charges and Rs.4.00/sqm per floor for scaffolding charges may be added for every additional floor							16.00	
	sub total							118.00	
	Area weightage 8%							9.44	
	Total						**251.37**	**127.44**	**32034.59**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
29	Providing and laying Hassan Green / River Pink granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing , cutting 3 line grooves not more than 2 mm wide for antiskidding, including cost of all materials,mortar,labour,curing etc.,complete as per Specification.Pg No 110, Item No 14.51								
	Ground Floor								
	Tread	Sqm	24	1.5	0.3		10.8		
	Risers	Sqm	25	1.5		0.15	5.63		
	Landing	Sqm	1	3.15	1.30		4.10		
	Basic rate							4456.00	
	Area weightage 8%							356.48	
	Total						20.52	4812.48	98752.09
	First Floor								
	Tread	Sqm	24	1.5	0.3		10.80		
	Risers	Sqm	25	1.5		0.15	5.63		
	Landing	Sqm	1	3.15	1.30		4.10		
	Basic Rate							4456.00	
	An additional rate of Rs.2/sqm per floor may be added for every additional floor							2.00	
	sub total							4458.00	
	Area weightage 8%							356.64	
	Total						20.52	4814.64	98796.41
30	KSRB 14.9-1: Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing, complete as per specifications Specification No. KBS 14.4, Pg No 104,Item No 14.13								
	Ground Floor								
	Classroom(along long direction)	Sqm	4	7	5.5		154		
	Classroom(along short direction)	Sqm	2	7	5.5		77		
	Corridor	Sqm	1	31.9	1.5		47.85		
	Corridor near toilet	Sqm	1	5.7	1.3		7.41		
	Corridor(along shorter direction)	Sqm	1	14.3	1.5		21.45		
	Ladies toilet	Sqm	1	5.6	5.5		30.8		
	Staircase floor	Sqm	1	5.7	3.15		17.96		
	Basic rate							631.00	
	Area weightage 8%							50.48	
	Total						356.47	681.48	242923.77
	First Floor								
	Classroom(along long direction)	Sqm	4	7	5.5		154		
	Classroom(along short direction)	Sqm	2	7	5.5		77		
	Corridor	Sqm	1	31.9	1.5		47.85		
	Corridor near toilet	Sqm	1	5.7	1.3		7.41		
	Corridor(along shorter direction)	Sqm	1	14.3	1.5		21.45		
	Gents toilet	Sqm	1	5.6	5.5		30.8		
	Basic rate							631.00	
	An additional rate of Rs.2/sqm per floor may be added for every additional floor							2.00	
	sub total							633.00	
	Area weightage 8%							50.64	
	Total						338.51	683.64	231418.98
31	Providing and fixing for flooring 20mm thick gang saw water cut sadarhalli gray granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of curing - minimum width of 900mm.Pg No 112,Item No 14.61.2								
	Ground Floor								
	Flooring								
	Classroom(along long direction)	Sqm	4	7	5.5		154.00		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Classroom(along short direction)	Sqm	2	7	5.5		77.00		
	Corridor	Sqm	1	31.9	1.5		47.85		
	Corridor near toilet	Sqm	1	5.7	1.3		7.41		
	Corridor(along shorter direction)	Sqm	1	14.3	1.5		21.45		
	Staircase floor	Sqm	1	5.6	5.5		30.80		
	Basic Rate							1979.00	
	Area weightage 8%							158.32	
	Total						**338.51**	**2137.32**	**723504.19**
	First Floor								
	Classroom(along long direction)	Sqm	4	7	5.5		154		
	Classroom(along short direction)	Sqm	2	7	5.5		77		
	Corridor	Sqm	1	31.9	1.5		47.85		
	Corridor near toilet	Sqm	1	5.7	1.3		7.41		
	Corridor(along shorter direction)	Sqm	1	14.3	1.5		21.45		
	Basic Rate							1979.00	
	An additional rate of Rs.2/sqm per floor may be added for every additional floor							2.00	
	sub total							1981.00	
	Area weightage 8%							158.48	
	Total						**307.71**	**2139.48**	**658339.39**
32	Providing and fixing Vetrified glazed tiles of approved make quality & colour of size 900x900x 12mm thick fixed on bed of 12mm thick cement mortar for flooring ,skirting ad jointed with neat cement slurry mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains etc including Cost of all materials mortar labour etc complete as per specificationPg no. 109 Item No.14.45.1								
	Ground Floor								
	Ladies Toilet	Sqm	1	5.6	2.9		16.24		
		Sqm	1	1.25	1.3		1.63		
	Basic Rate							1137.00	
	Area weightage 8%							90.96	
	Total						**17.87**	**1227.96**	**21937.51**
	First Floor								
	Gents toilet	Sqm	1	4.25	4.2		17.85		
		Sqm	1	4.2	1.25		5.25		
	Basic Rate							1137.00	
	An additional rate of Rs.2/sqm per floor may be added for every additional							2.00	
	sub total							1139.00	
	Area weightage 8%							91.12	
	Total						**23.10**	**1230.12**	**28415.77**
33	KSRB 14.14-5: Providing Ceramic tiles of size 30x30cms 6mm thick of approved make ,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications.Pg No 108,Item No14.36 .2								
	Ground Floor								
	Ladies toilet(WC)	Sqm	6	1.35	1.2		9.72		
		Sqm	1	1.25	1.2		1.5		
	Basic Rate							1210.00	
	Area weightage 8%							96.8	
	Total						**11.22**	**1306.80**	**14662.30**
	First Floor								
	Gents toilet	Sqm	3	1.35	1.2		4.86		
		Sqm	1	1.25	1.2		1.5		
	Basic Rate							1210.00	
	An additional rate of Rs.2/sqm per floor may be added for every additional							2.00	
	sub total							1212.00	
	Area weightage 8%							96.96	
	Total						**6.36**	**1308.96**	**8324.99**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
34	KSRB 14-17.2 : Providing skirting, dado, rises of steps with colour glazed tiles 30X60 cms 6mm thick with border of size 30 x 10 cms on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 Pg No 108,Item No14.41.2								
	Wall Cladding								
	Ground Floor								
	Ladies toilet								
	Along longer direction	Sqm	2	5.6		2.1	23.52		
	Along shorter direction	Sqm	1	2.9		2.1	6.09		
		Sqm	1	4.2		2.1	8.82		
	WC(Along longer direction)	Sqm	12	1.35		2.1	34.02		
		Sqm	2	1.25		2.1	5.25		
	WC(Along Shorter direction)	Sqm	12	1.2		2.1	30.24		
		Sqm	2	1.2		2.1	5.04		
	Classrooms								
	Along longer direction	Sqm	2	35		0.15	10.5		
		Sqm	10	5.5		0.15	8.25		
	Along shorter direction	Sqm	2	14		0.15	4.2		
		Sqm	4	5.5		0.15	3.3		
	Deductions								
	D1	Sqm	-6	1.2		0.15	-1.08		
	D3	Sqm	-8	0.75		2.1	-12.6		
	Basic Rate							1632.00	
	Area weightage 8%							130.56	
	Total						**125.55**	**1762.56**	**221289.41**
	First Floor								
	Gents toilet								
	Along longer direction	Sqm	2	5.6		2.1	23.52		
	Along shorter direction	Sqm	2	4.3		2.1	18.06		
		Sqm	2	2		2.1	8.40		
	WC(Along longer direction)	Sqm	6	1.35		2.1	17.01		
		Sqm	2	1.25		2.1	5.25		
	WC(Along Shorter direction)	Sqm	8	1.2		2.1	20.16		
	Classrooms								
	Along longer direction	Sqm	2	35		0.15	10.50		
		Sqm	10	5.5		0.15	8.25		
	Along shorter direction	Sqm	2	14		0.15	4.20		
		Sqm	4	5.5		0.15	3.30		
	Deductions								
	D1	Sqm	-6	1.2		0.15	-1.08		
	D3	Sqm	-5	0.75		2.1	-7.88		
	Basic Rate							1632.00	
	An additional rate of Rs.2/sqm per floor may be added for every additional							2.00	
	sub total							1634.00	
	Area weightage 8%							130.72	
	Total						**109.70**	**1764.72**	**193580.96**
35	Providing half nosing for 20mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification page no 111 item no 14.56								
	Ground Floor								
	Nosing								
	Classrooms								
	Along longer direction	m	2	35			70.00		
		m	10	5.5			55.00		
	Along shorter direction	m	2	14			28.00		
		m	4	5.5			22.00		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Deductions								
	D1	m	-6	1.2			-7.20		
	Basic Rate							180.00	
	Area weightage 8%							14.4	
	Total						**167.80**	**194.40**	**32620.32**
	First Floor								
	Nosing								
	Along longer direction	m	2	35			70.00		
		m	10	5.5			55.00		
	Along shorter direction	m	2	14			28.00		
		m	4	5.5			22.00		
	Deductions								
	D1	m	-6	1.2			-7.20		
	Basic Rate							180.00	
	An additional rate of Rs.2/sqm per floor may be added for every additional							2.00	
	sub total							182.00	
	Area weightage 8%							14.56	
	Total						**167.80**	**196.56**	**32982.77**
36	Waterproofing of RCC Terrace / podium slab / toilet / utilities / water retaining structure by preparing the surface by chipping and cleaning and Grouting of Honey comb, voids,cracks / construction joints with cement slurry (1kg cement added in 10 ltr of water) added with 100gm of inorganic accelerator, followed by spraying of liquid biological modified alkaline earth silicates @ 0.40 ltr per sqm on whole surface to reduce the micro porosity and allowing it to dry, curing the surface for the silicates to penetrate deeper into the concrete and spraying waterproofing impregnate liquid containing silane and silanol linear copolymer @ 0.50 ltr per sqm and finally applying polymer slurry made out of cross linked acrylic / styrene / butadiene & cement in the ratio of 1:0.1, @0.50kg/sqm on the whole surface, including all labour charges tools and equipments, all complete as per the specification. page no 69 item no 10.5.1									
	Ground Floor								
	Ladies toilet(WC)	Sqm	6	1.35	1.2		9.72		
		Sqm	1	1.25	1.2		1.5		
	First floor								
	Gents toilet(WC)	Sqm	3	1.35	1.2		4.86		
		Sqm	1	1.25	1.2		1.5		
	Terrace								
	Along Short Direction	Sqm	1	21.8	7.5		163.5		
	Along Short Direction	Sqm	1	30.6	7.5		229.5		
	Deductions								
	Staircase	Sqm	-1	4.9	3.15		-15.44		
								526.00	
	Basic Rate							42.08	
	Area weightage 8%								
	Total						**395.15**	**568.08**	**224473.97**
37	KSRB 9-27.1 : Fixing of door frames in an existing opening including embedding frame in floor and walls after cutting masonary for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and downsize granite metal painting two coats of coal tar to sides of frame,making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour, complete as per specifications. Pg No 60, Item No 9.80								
	Ground Floor								
	D1	Nos	6				6.00		
	Basic rate							1366.00	
	Area weightage 8%							109.28	
	Total						**6.00**	**1475.28**	**8851.68**
	First Floor								
	D1	Nos	6				6.00		
	Basic rate							1366.00	
	An additional rate of Rs.2/sqm per floor may be added for every additional floor							4.00	
	sub total							1370.00	
	Area weightage 8%							109.28	

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Total						**6.00**	**1479.28**	**8875.68**
38	KSRB 9.4-2: Providing Honne wood frames of doors, windows, clerestory windows,ventilators and other frames , wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps),but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33 Pg No 53,Item No9.11								
	Ground Floor								
	D1	Cum	6	6.60	0.20	0.15	1.19		
	First Floor								
	D1	Cum	6	6.60	0.20	0.15	1.19		
	Basic rate							87604.00	
	Area weightage 8%							7008.32	
	Total						**2.38**	**94612.3**	**224798.87**
39	Providing and fixing 65mmx90mm GRP Doorframe fabricated using E-Glass Chopped Strand Mat (CSM). U.V-stabilized Isopthalic Gelcoat and Isopthalic resin. The thickness of the GRP skin shall not be less than 2.0 mm. The doorframe consists of four segmens, which are provided with plug-in-socket arrangement in-situ in the mould. The segments are plugged in and are joined together by means of screws. The GRP frame shall be provided with wooden reinforcement of 6 locations fro high screw holding capacity for fixing metallic hold fast and shall be consolidated by filling with medium density foam/Plaster with fibre reinforcement. Six Numbers of 260mmx25mmx5mm size S shaped M.S. flat hold fast shall be provided with the frame. Page No. 63, Item No. 9.95								
	Ground Floor								
	D3	m	8	5.7			45.6		
	Basic rate							450.00	
	Area weightage 8%							36.00	
	Total						**45.60**	**486.0**	**22161.60**
	First Floor								
	D3	m	5	5.7			28.5		
	Basic rate							450.00	
	An additional rate of Rs.4.00/sqm per floor may be added for every additional							4.00	
	sub total							454.00	
	Area weightage 8%							36.32	
	Total						**28.50**	**490.3**	**13974.12**
40	KSRB 9.5-2 : Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34, Pg No. 53, Item No. 9.15								
	Ground Floor								
	D1	Sqm	6	1.20		2.1	15.12		
	Basic rate							4722.00	
	Area weightage 8%							377.76	
	Total						**15.12**	**5099.76**	**77108.37**
	First Floor								
	D1	Sqm	6	1.20		2.1	15.12		
	Basic rate							4722.00	
	An additional rate of Rs 4.00/sqm per floor may be added for every additional							4.00	
	sub total							4726.00	
	Area weightage 8%							378.08	
	Total						**15.12**	**5104.1**	**77173.69**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
41	Providing and fixing factory made single leaf rigid GRP Sandwich composite door shutter of 40 mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V-stabilized Isopthalic Gelcoat and one layer of 450 gns E-Glass Chopped Strand Mat (CSM), impregnated with orthopthalic polyester resin. The thickness of the skins shall not be less than 1.5mm. Expanded Polystyrene (EPS) structural foam panel of 37mm thickness and a density of 20 Kg/m3 shall be used as core material. Wooden reinforcements made of Seasoned Salwood block of cross section not lessthan 36mmx32mmand also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc. shall be provided. A structural adhesive compatible with EPS foam shall be used for bonding the core material, the salwood reinforement and the skins. The material and process for manufacturing the door shutters shall confirm to RV-TIFAC Composites Design Centre Standards and specifications and the door shutters tested in confiramation to IS 4020-1994. The finish of shutter will be plain coulur White/IVORY/Beige/Light Grey or any other colour using high quality pigments. Excluding cost of fixtures and inclusive of supply of shutters to respective work spot. P.No.62, I.No.9.94								
	Ground Floor								
	D3	Sqm	8	0.75		2.1	12.6		
	Basic rate							3800.00	
	Area weightage 8%							304.00	
	Total						**12.60**	**4104.0**	**51710.40**
	First Floor								
	D3	Sqm	5	0.75		2.1	7.88		
	Basic rate							3800.00	
	An additional rate of Rs.4.00/sqm per floor may be added for every additional							4.00	
	sub total							3804.00	
	Area weightage 8%							304.32	
	Total						**7.88**	**4108.3**	**32353.02**
42	Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications. Pg no:121.Item no:15.60.1								
	Ground Floor								
	Doors								
	D1	Sqm	6	1.2		2.1	15.12		
	First Floor								
	Doors								
	D1	Sqm	6	1.2		2.1	15.12		
								97.00	
	Basic rate							7.76	
	Area weightage 8%						**30.24**	**104.76**	**3167.94**
	Total								
43	Providing & fixing of 3 Track - 2 Panel Sliding Windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPV(Thermo Plastic Vulcanized) and lead free, gaskets having isolated drainage and reinforced with Galvanized Iron profile through-out the window Frame. The outer frame having a overall size of 108 mm width X 45 mm height with reinforcement of 1 mm thickness and sash with overall size of 39 mm x 75 mm with GI reinforcement of 2 mm and mesh sash of size 30mm.Windows shall be provided with 5mm plain float glass, standard hardware and single point locking system with touch lock. Wall thickness of frame and sash shall be of 2mm -2.5mm. Maximum possible size -2419mm x 21119 mm								
	Ground floor								
	W1	Sqm	24	1.50		1.50	54.00		
	First floor								
	W1	Sqm	24	1.50		1.50	54.00		
								5220.00	
	Basic Rate							417.60	
	Area weightage 8%						**108.00**	**5637.60**	**608860.80**
	Total								

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
44	Providing & of Fixed Louvered Ventilator made out of multi chambered UPVC(Matching to RAL-9016) sections with Minimum TiO2(Titanium Dioxide) at 6PHR with TPV(Thermo Plastic Vulcanized) and lead free with gaskets-grey colour having isolated drainage and reinforced with Galvanized Iron profiles through out the Ventilator Frame. The frame having a overall size of 39mm x 39mm with GI reinforcement of 1 mm thickness. Louver clip in Aluminium(powder coated in white) will be used on the frame along with plastic parts for fixing the4mm pin head glass. Wall thickness of frame shall be 2mm. Maximum possible size-1000mm X 1000mm.								
	Ground Floor								
	V	Sqm	5	0.60		0.75	2.25		
	First floor								
	V	Sqm	5	0.60		0.75	2.25		
	Basic Rate							3632.00	
	Area weightage 8%							290.56	
	Total						4.50	3922.56	17651.52
45	KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications.Specification No. KBS 7.12 Pg No.34 Item No.7.9								
	Ground Floor								
	W1	Kg	24			47.25	1134.00		
				21kg per sqm					
				1.5*1.5*21=47.25					
	V	Kg	5			9.45	47.25		
				21kg per sqm					
				0.6*0.75*21=9.45					
	Basic Rate							95.00	
	Area weightage 8%							7.6	
	Total						**1181.25**	**102.6**	**121196.25**
	First Floor								
	W1	Kg	24			47.25	1134.00		
				21kg per sqm					
				1.5*1.5*21=47.25					
	V	Kg	5			9.45	47.25		
				21kg per sqm					
				0.6*0.75*21=9.45					
								95.00	
	Basic Rate							6.00	
	An additional rate of Rs.6/sqm per floor may be added for every additional floor							101.00	
	Sub total							8.08	
	Area weightage 8%						**1181.25**	**109.08**	**128850.75**
	Total								
46	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. Pg no:123.Item no:15.74								
	For window and ventilators	Sqm	1	window qty+ventilator qty			112.50		
				window qty			108.00		
	Painting for Grill Works	Sqm							
	Gate							95.00	
								7.60	
	Basic rate						**220.50**	**102.60**	**22623.30**
	Area weightage 8%								
	Total								

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
47	Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications. Pg 45 Item no.7.38								
	Ground Floor								
	Flight 1	Sqm	1	4.09		1	4.09		
	Flight 2	Sqm	1	3.75		1	3.75		
	Basic Rate							6021.00	
	Area weightage 8%							481.68	
	Total						**7.84**	**6502.68**	**50981.01**
	First Floor								
	Flight 1	Sqm	1	4.09		1	4.09		
	Flight 2	Sqm	1	3.75		1	3.75		
	Basic Rate							6021.00	
	An additional rate of Rs.6/sqm per floor may be added for every additional floor							6.00	
	sub total							6027.00	
	Area weightage 8%							482.16	
	Total						**7.84**	**6509.16**	**51031.81**
48	KSRRB M300- Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification No. 305								
	Corridor	Cum	1	37.50	0.9	0.45	15.19		
	Corridor	Cum	1	14.00	0.9	0.45	5.67		
	Basic Rate							**325.00**	
	Area weightage 8%							**26.00**	
	Total						**20.86**	**351.00**	**7320.98**
49	Providing and fixing M.S.Grill over existing compound wall as per, using 16mm x 16mm M.S.Square rod at 150mm c/c spacing and 6mm x 40mm M.S. flats at horizontal and 6mm x12mm M.S. flat for ornamental design and providing shop edge design at the vertex of every vertical rods, including welding, grinding wherever necessary. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification.								
	First Floor								
	For Corridor Wall	Sqm	1	48.05		2.15	103.31		
		Sqm	2	1.5		2	6.00		
	Basic rate							**5369.00**	
	An additional rate of Rs.6/sqm per floor may be added for every additional floor							**6.00**	
	sub total							**5375.00**	
	Area weightage 8%							**430.00**	
	Total						**109.31**	**5805.00**	**634530.04**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
								Total Amount	8745477.11
	Preparation of DPR and Architectural ,Structural Consultation fee(1% of estimated cost)							GST Charges (12% of estimated cost)	1049457.25
	Project management Consultancy Charges(1% of estimated cost)								100000.00
								Miscellaneous and Rounding off	100000.00
								Grand Total	5,065.64
									10000000.00

CERTIFICATE:

1) The work spot has been inspected and found to be necessary
2) The work spot comes under B.B.M.P
3) The provisions made in the estimate are necessary and minimum.
4) The estimate is based on C.S.R of 2018-2019 and approved rates and issused Rates.

Assistant Engineer
BBMP

Assistant Executive Engineer
BBMP

Executive Engineer
BBMP

Administrative Approval

Accorded For ..100.00 Lakhs
Head of A/C.....
CER NO :.....67..... Dt:13/12/2021

TA

CE (Y(N)K)

Technical Sanction

Accorded For ..100.00 Lakhs.
Head of A/C.....
CER NO :.....70..... Dt:13/12/2021

TA